

START

0030734

ENGINEERING CHANGE NOTICE

Page 1 of 24

1. ECN **169892**

Proj. ECN

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary Standby <input type="checkbox"/> Supersedure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>		3. Originator's Name, Organization, MSIN, and Telephone No. G.G. Kelty, Geoscience, H6-06, 376-6341		4. Date 08/13/93	
		5. Project Title/No./Work Order No. Description of Work for 216-U-Pond Test Pits	6. Bldg./Sys./Fac. No. 216-U-10 Pond	7. Impact Level 3Q	
		8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-AP-141, REV.0	9. Related ECN No(s). N/A	10. Related PO No. N/A	
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)		11b. Work Package No. N/A	11c. Modification Work Complete N/A	11d. Restored to Original Condition (Temp. or Standby ECN only) N/A	
		Cog. Engineer Signature & Date		Cog. Engineer Signature & Date	
12. Description of Change 1. Page 7, section 3.2, 3rd Paragraph, change last sentence to read: The backhoe will then be surveyed for release. If contamination is detected the backhoe will be moved to a site selected by the FTL and the appropriate parts decontaminated per WHC-CM-7-8 VOL. II, SEC. 11.1. 2. Page 12, section 3.3.2.1, first bullet, delete: Bulk density 2a. Page 12 section 3.3.2.1, Table 3. Physical Characterization Samples, all of row 6, delete: Bulk mass density and bottle requirements 3. Page 17, section 4.0 QUALITY ASSURANCE/QUALITY CONTROL REQUIREMENTS, paragraph 5, <u>Equipment Rinsate Blanks.</u> , change first sentence to read: Equipment rinsate blanks consist of silica sand run through decontaminated sampling equipment and placed in clean sample containers. 3a. Page 17, section 4.0 QUALITY ASSURANCE/QUALITY CONTROL REQUIREMENTS, paragraph 6, Volatile Organic Analysis (VOA) Trip Blanks, change first sentence to read: The VOA trip blanks consist of silica sand added to clean sample containers.					
13a. Justification (mark one) Criteria Change <input type="checkbox"/> Design Improvement <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> As-Found <input type="checkbox"/> Facilitate Const. <input type="checkbox"/> Const. Error/Omission <input type="checkbox"/> Design Error/Omission <input type="checkbox"/>					
13b. Justification Details 1. The bucket and arm of the backhoe will be the only parts inside the exclusion/SCA, therefore decontamination should not be required on the rest of the backhoe. 2. and 2a. Bulk density analysis cannot be performed on disturbed samples, such as those collected with a backhoe bucket. 3. The sample media is soil not water, therefore the equipment rinsate blank should be the same media. 3a. The sample media is soil not water, therefore the VOA trip blank should be the same media.					
14. Distribution (include name, MSIN, and no. of copies) G.G. Kelty, H6-06, 1 A.J. Knepp, H6-06, 1 R.L. Hand, H4-16, 1 B.R. Cassum, N3-05, 1 EDMC, H6-08, <u>12</u> Central Files, L8-04, <u>12</u> M. J. Galgoul, H6-03, 1 R. A. Carlson, H6-03, 1 L. O. Amos, N3-06, 1 IRA, H4-17, 1 P. M. Pak, A5-19, 1 *N. Uziemblo, WDOE, 1				RELEASE STAMP OFFICIAL RELEASE BY WHC DATE AUG 30 1993 <i>Slater #18</i>	

A-7900-013-2 (06/92) GEF095

*N:Uziemblo
7601 W. clearwater
Suite 102
kennewick, Wa. 99336



ENGINEERING CHANGE NOTICE

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	16. Cost Impact <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">ENGINEERING</td> <td style="width: 50%; text-align: center;">CONSTRUCTION</td> </tr> <tr> <td>Additional <input type="checkbox"/> \$NA</td> <td>Additional <input type="checkbox"/> \$NA</td> </tr> <tr> <td>Savings <input type="checkbox"/> \$NA</td> <td>Savings <input type="checkbox"/> \$NA</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input type="checkbox"/> \$NA	Additional <input type="checkbox"/> \$NA	Savings <input type="checkbox"/> \$NA	Savings <input type="checkbox"/> \$NA	17. Schedule Impact (days) Improvement <input type="checkbox"/> [NA] Delay <input type="checkbox"/> [NA]
ENGINEERING	CONSTRUCTION							
Additional <input type="checkbox"/> \$NA	Additional <input type="checkbox"/> \$NA							
Savings <input type="checkbox"/> \$NA	Savings <input type="checkbox"/> \$NA							

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD <input type="checkbox"/>	Seismic/Stress Analysis <input type="checkbox"/>	Tank Calibration Manual <input type="checkbox"/>
Functional Design Criteria <input type="checkbox"/>	Stress/Design Report <input type="checkbox"/>	Health Physics Procedure <input type="checkbox"/>
Operating Specification <input type="checkbox"/>	Interface Control Drawing <input type="checkbox"/>	Spares Multiple Unit Listing <input type="checkbox"/>
Criticality Specification <input type="checkbox"/>	Calibration Procedure <input type="checkbox"/>	Test Procedures/Specification <input type="checkbox"/>
Conceptual Design Report <input type="checkbox"/>	Installation Procedure <input type="checkbox"/>	Component Index <input type="checkbox"/>
Equipment Spec. <input type="checkbox"/>	Maintenance Procedure <input type="checkbox"/>	ASME Coded Item <input type="checkbox"/>
Const. Spec. <input type="checkbox"/>	Engineering Procedure <input type="checkbox"/>	Human Factor Consideration <input type="checkbox"/>
Procurement Spec. <input type="checkbox"/>	Operating Instruction <input type="checkbox"/>	Computer Software <input type="checkbox"/>
Vendor Information <input type="checkbox"/>	Operating Procedure <input type="checkbox"/>	Electric Circuit Schedule <input type="checkbox"/>
OM Manual <input type="checkbox"/>	Operational Safety Requirement <input type="checkbox"/>	ICRS Procedure <input type="checkbox"/>
FSAR/SAR <input type="checkbox"/>	IEFD Drawing <input type="checkbox"/>	Process Control Manual/Plan <input type="checkbox"/>
Safety Equipment List <input type="checkbox"/>	Cell Arrangement Drawing <input type="checkbox"/>	Process Flow Chart <input type="checkbox"/>
Radiation Work Permit <input type="checkbox"/>	Essential Material Specification <input type="checkbox"/>	Purchase Requisition <input type="checkbox"/>
Environmental Impact Statement <input type="checkbox"/>	Fac. Proc. Samp. Schedule <input type="checkbox"/>	<input type="checkbox"/>
Environmental Report <input type="checkbox"/>	Inspection Plan <input type="checkbox"/>	<input type="checkbox"/>
Environmental Permit <input type="checkbox"/>	Inventory Adjustment Request <input type="checkbox"/>	<input type="checkbox"/>

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number Revision
NA for all		

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog Engineer G.G. Kelty <i>G.G. Kelty</i>	8/19/93	PE	_____
Cog. Mgr. A. J. Knepp <i>AJ Knepp</i>	8/20/93	QA	_____
QA R.L. Hand <i>OK via telcom</i>	8/20/93	Safety	_____
Safety	_____	Design	_____
Security	_____	Environ.	_____
Environ.	_____	Other	_____
Projects/Programs	_____		_____
Tank Waste Remediation System	_____		_____
Facilities Operations	_____		_____
Restoration & Remediation	_____		_____
Operations & Support Services	_____		_____
IRM	_____		_____
Other M.J. Galgoul <i>Ka Cassen for M.J.G.</i>	8/20/93	DEPARTMENT OF ENERGY	
R.A. Carlson <i>Ra Carlson</i>	8/20/93	Signature or Letter No.	
L.O. Amos <i>OK per telcom</i>	8/19/93		
<i>OK 8/19/93</i>		ADDITIONAL	
		P.M Pak <i>OK via telcom</i>	8/20/93
		N. Uziemblo <i>OK via telcom</i>	8/20/93
		B.R. Cassem <i>OK per telcom</i>	8/20/93
		<i>OK 8/20/93</i>	

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INFORMATION RELEASE REQUEST

Complete for all Types of Release

<p>Purpose</p> <p><input type="checkbox"/> Speech or Presentation</p> <p style="margin-left: 20px;"><input type="checkbox"/> Full Paper (Check only one suffix)</p> <p style="margin-left: 20px;"><input type="checkbox"/> Summary</p> <p style="margin-left: 20px;"><input type="checkbox"/> Abstract</p> <p style="margin-left: 20px;"><input type="checkbox"/> Visual Aid</p> <p><input type="checkbox"/> Speakers Bureau</p> <p><input type="checkbox"/> Poster Session</p> <p><input type="checkbox"/> Videotape</p>	<p><input type="checkbox"/> Reference</p> <p><input checked="" type="checkbox"/> Technical Report</p> <p><input type="checkbox"/> Thesis or Dissertation</p> <p><input type="checkbox"/> Manual</p> <p><input type="checkbox"/> Brochure/Flier</p> <p><input type="checkbox"/> Software/Database</p> <p><input type="checkbox"/> Controlled Document</p> <p><input type="checkbox"/> Other</p>	<p>ID Number (include revision, volume, etc.)</p> <p>ECN 169892 for document WHC-SD-EN-AP-141, Rev. 0</p> <p>List attachments.</p> <hr/> <p>Date Release Required</p> <p style="text-align: center; font-size: 1.2em;">August 23, 1993</p>
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Title: Description of Work for 216-U-Pond Test Pits	Unclassified Category UC- N/A	Impact Level 3Q
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New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).	Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
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Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)	Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
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Complete for Speech or Presentation

Title of Conference or Meeting	Group or Society Sponsoring
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Date(s) of Conference or Meeting	City/State	Will proceedings be published? <input type="checkbox"/> Yes <input type="checkbox"/> No	Will material be handed out? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Title of Journal
N/A

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature Indicates Approval	Date
			Name (printed) Signature	
Classification/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Patent - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Not req. per S. Baglini</i>	<i>8/23/93</i>
Legal - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Not req. per S. Baglini</i>	<i>8/23/93</i>
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input type="checkbox"/>		
WHC Program/Project	<input type="checkbox"/>	<input type="checkbox"/>		
Communications	<input type="checkbox"/>	<input type="checkbox"/>		
RL Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>P. M. Pak per telecom review not required</i>	<i>8/20/93</i>
Publication Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>M. R. Knight L. Hermann</i>	<i>8/23/93</i>
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Information conforms to all applicable requirements. The above information is certified to be correct.

<p>References Available to Intended Audience N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Author/Requestor (Printed/Signature) G. G. Kelty <i>G. G. Kelty</i> Date 8/20/93</p> <p>Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External</p> <p>Responsible Manager (Printed/Signature) A. J. Knepp <i>A. J. Knepp</i> Date 8-20-93</p>	<p style="text-align: center;">INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP</p> <p>Stamp is required before release. Release is contingent upon resolution of mandatory comments.</p> <div style="text-align: center;">  </div> <p>Date Cancelled _____ Date Disapproved _____</p>
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